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Title: **JP7094189A2: WATERPROOFING METHOD FOR CARBON ROD FOR DRY BATTERY**

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Country: **JP Japan**  
Kind: **A (See also: JP7094189B4 )**

Inventor(s): **UNO MASATOSHI  
MAEDA MASANORI**

Applicant/Assignee: **MATSUSHITA ELECTRIC IND CO LTD**  
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Issued/Filed Dates: **April 7, 1995 / Sept. 21, 1993**

Application Number: **JP1993000234509**

IPC Class: **H01M 4/64; H01M 4/75; H01M 6/08;**

Priority Number(s): **Sept. 21, 1993 JP1993000234509**

Abstract:



**Purpose:** To provide a waterproofing method which is easy to handle and safety by immersing a carbon rod for a dry battery in oil which is heated and kept at a specified temperature for a specified time, then by heating at a temperature same as or higher than the temperature of the oil.

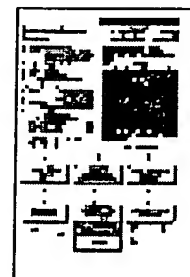
**Constitution:** A carbon rod for a dry battery, which is baked but not yet waterproof treated is immersed in oil or paraffin wax heated and kept at 80-150°C for 3-10 minutes, then taken out. The carbon rod is heated at a temperature higher than the temperature of the oil or paraffin wax for several hours. The carbon rod having high air permeability and satisfying the blind core test can be obtained.  
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► See a clear and precise summary of the whole patent, in understandable terms.

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Other Abstract Info: **DERABS C95-173464 DERC95-173464**

Foreign References: **No patents reference this one**



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**PATENT ABSTRACTS OF JAPAN**(21) Application number: **05234509**(51) Intl. Cl.: **H01M 4/64 H01M 4/75 H01M 6/08**(22) Application date: **21.09.93**

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states:(71) Applicant: **MATSUSHITA ELECTRIC IND CO  
LTD**(72) Inventor: **UNO MASATOSHI  
MAEDA MASANORI**

(74) Representative:

**(54) WATERPROOFING  
METHOD FOR CARBON ROD  
FOR DRY BATTERY**

(57) Abstract:

**PURPOSE:** To provide a waterproofing method which is easy to handle and safety by immersing a carbon rod for a dry battery in oil which is heated and kept at a specified temperature for a specified time, then by heating at a temperature same as or higher than the temperature of the oil.

**CONSTITUTION:** A carbon rod for a dry battery, which is baked but not yet waterproof treated is immersed in oil or paraffin wax heated and kept at 80-150°C for 3-10 minutes, then taken out. The carbon rod is heated at a temperature higher than the temperature of the oil or paraffin wax for several hours. The carbon rod having high air permeability and satisfying the blind core test can be obtained.

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